

## CLAIMS

What is claimed is:

1. A multimode cell phone, comprising:  
a cell phone functionality; and  
5 an RF communication functionality separate, at least in part,  
from said cell phone functionality; and  
an automatic switch over module, in communication with  
both said cell phone functionality and said RF communication  
functionality, operable to switch a communication path established on one  
10 of said cell phone functionality and said RF communication functionality,  
with another communication path later established on the other of said  
cell phone functionality and said RF communication functionality.
2. The multimode cell phone according to claim 1, wherein:  
15 said RF communication functionality is a cordless telephone.
3. The multiphone cell phone according to claim 2, wherein:  
said cordless telephone utilizes a piconet to communicate  
20 between a base unit and a matching remote handset.

4. A method of automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link, comprising:

participating in said first type RF communication link;

5 sensing an availability of said second type RF communication link;

establishing said second type RF communication link while said first type RF communication link remains active; and

switching parties participating in said first type RF communication link to active utilization of said second type RF communication link.

5. The method of automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 4, further comprising, after said switching parties step:

terminating said first type RF communication link.

6. The method of automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 4, further comprising:

prompting a user of said availability of said second type RF communication link.

25

7. The method of automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 4, wherein:

5                   at least one of said RF communication links is a telephone call.

8. The method of automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 4, wherein:

                  said first type RF communication link is a cell phone call.

9. The method of automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 8, wherein:

                  said second type RF communication link is a cordless telephone call.

20

10. The method of automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 9, wherein:

25                   a cordless telephone used to participate in said cordless telephone call utilizes a piconet to communicate between a cordless telephone base unit and a matching remote handset.

11. The method of automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 4, wherein:

5                   said second type RF communication link is a walkie-talkie link.

12. Apparatus for automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link, comprising:

                  means for participating in said first type RF communication link;

                  means for sensing an availability of said second type RF communication link;

15                   means for establishing said second type RF communication link, when said second type RF communication link is sensed to be available by said means for sensing; and

                  means for switching parties participating in said first type RF communication link to active utilization of said second type RF communication link.

13. The apparatus for automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 12, further comprising:

                  means for terminating said first type RF communication link after said means for switching switches said parties.

14. The apparatus for automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 12, further comprising:

5 means for prompting a user of said availability of said second type RF communication link.

15. The apparatus for automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 12, wherein:

at least one of said RF communication links is a telephone call.

16. The apparatus for automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 12, wherein:

said first type RF communication link is a cell phone call.

17. The apparatus for automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 16, wherein:

said second type RF communication link is a cordless telephone call.

18. The apparatus for automatically switching between a first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 17, wherein:

5           a cordless telephone used to participate in said cordless telephone call is adapted to implement a piconet protocol to communicate between a cordless telephone base unit and a matching remote handset.

19. The apparatus for automatically switching between a  
10 first type RF communication link and a second type RF communication link different from said first type RF communication link according to claim 14, wherein:

          said second type RF communication link is a walkie-talkie link.

15